

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: GRAHAM, Joseph et al. )  
  )  
  )  
  ) Group Art Unit: N/A  
Serial No.: Filed Herewith                    )  
  )  
  ) Examiner: N/A  
Filed: March 26, 2004                        )  
  )  
For: METHOD AND APPARATUS FOR FORECASTING GROWTH  
OF WIRELESS TELECOMMUNICATIONS SYSTEMS

**INFORMATION DISCLOSURE STATEMENT**

March 26, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

GARDNER GROFF, P.C.  
Paper Mill Village, Building 23  
600 Village Trace, Ste. 300  
Marietta, GA 30067

Sir:

The attached form PTO 1449 lists references submitted in compliance with the requirements of 37 C.F.R. § 1.56. Consideration of the cited documents and making the same of record in the prosecution of the above-noted application are respectfully requested.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability (37 C.F.R. § 1.97(h)) or statutory prior art, or that no other material information exists. The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

Attorney Docket: 8C20.1-270  
PATENT

No fee is believed to be due, as this Information Disclosure Statement is submitted within three months of the filing date or before receipt of a first office action on the merits. 37 C.F.R. § 1.97(b). The Commissioner is authorized to charge any additional fees due or credit any overpayment to Deposit Account 50-1513.

Respectfully submitted,

  
John M. Harman  
Registration No. 38,173

GARDNER GROFF, P.C.  
Paper Mill Village, Bldg 23  
600 Village Trace, Ste. 300  
Marietta, GA 30067  
770.984.2300

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		<i>Application Number</i>	
		<i>Filing Date</i>	March 26, 2004
		<i>First Named Inventor</i>	GRAHAM, Joseph
		<i>Art Unit</i>	
		<i>Examiner Name</i>	
<i>(Use as many sheets as necessary)</i>		<i>Attorney Docket Number</i>	8C20.1-270
Sheet	1	of	1

## **U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.<sup>1</sup> Applicant's unique citation designation number (optional).<sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.<sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.